

RU2337497

DEVICE AND METHOD FOR IMPLEMENTING INTERFACE AT HIGH DATA TRANSFER SPEED

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Abstract of RU 2337497 (C2)

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FIELD: physics, communications. ^ SUBSTANCE: invention concerns digital signal transfer and claims data transfer interface for digital data transfer between host and user over data transfer path using packet structures linked together to form data transfer protocol, for exchange of pre-selected digital control and display data set. Signal transfer protocol is used by data transfer line controllers configured to generate, receive and send packets forming data transfer protocol and to form digital data packets of one or several types, so that at least one is located at host device and is connected to user by data transfer path.; Interface enables economy, low-energy, two-way high-speed data transfer mechanism over data transfer line of sequential type with narrow operation range, used with mini couplers and thin flexible cables especially efficient for connection of display elements, such as portable microdisplays, to portable computers and wireless data exchange devices. ^ EFFECT: higher data transfer speed. ^ 45 cl, 117 dwg, 20 tbl